

JUSTIFICATION FOR BRAND NAME SPECIFIED
(Simplified Acquisitions <\$150K)

The service or material listed on N5020315RC002A4 is brand name and competition is precluded for reasons indicated below. There are no substitutes available for this material or service.

Restricted to the following brand name: Motorola Solutions Inc. (Motorola).

Manufacturer: Motorola Solutions Inc.

Manufacturer POC & phone nr: Christopher Sarantos, Office: (434) 258-1676

Mfr. Address: 1303 East Algonquin Road, Schaumburg, Illinois, 60196

Dealer / Rep / Recommended source: Ewing Engineered Solutions

Dealer / Rep / Recommended source address / phone nr: 1022 S. Greenville Avenue, #300, Allen, TX 75002: Commercial (469) 519-2900: Fax: (800) 394-6496: Attn: Carissa Carley

X Description of the item or service required, the estimated cost, and required delivery date.

Naval Munitions Command, Detachment Bahrain requires secure, wireless communications equipment to conduct daily operations and while transporting explosive ordnance throughout the AOR. The radio's being purchased must be compatible with the theater-wide Motorola Trunked Enterprise Land Mobile Radio (ELMR) network. The equipment required includes radios, chargers, and hand held microphones, ear pieces, software, licenses and other accessories. The estimated cost of these supplies is \$60,438.00. The required delivery date is 30 days after contract award.

The ELMR network supports DOD installations in and around the 5th and 6th Fleet AOR for their day to day Land Mobile Radio (LMR) activities. The radios are to be used at NSA Bahrain for daily ordnance operations and in the surrounding area while transporting explosive ordnance over public roads. The Advanced Encryption Standard (AES) Digital Encryption supports transmission of 'For Official Use Only (FOUO)' and 'Personal Identifiable Information (PII)' as required by AFI33-590, and provides secure communications to naval security forces and quick reaction forces.

Further, Navy Munitions Command CONUS East Division (NMC CED) Detachment Bahrain relies upon the ELMR network to maintain a reliable, secure communications path with other NMC Detachments, both CONUS and OCONUS for coordination and for providing sensitive technical information (e.g., public evacuation distances, toxicity, fire hazard, etc., and for coordination. These radios will provide constant communications to the ships, security, safety, and fire personnel in the event of an explosive incident or personnel injury.

The portable radio must also meet the FM Division 1, Class I, Group C, D, Class II Group E,F,G, Class III, T3C, Division 2, Class I, Group A,B,C,D, The radio must be capable of MIL-810 Classifications C, D, E, F, G and Method 512.X Procedure 1. The portable radios will also be used on in an environment that is subject to explosive material, very tight spaces, and at times adverse atmospheric conditions (both high and low temperatures) which will require the radio to meet at a minimum a Delta-T rating for immersion with a fully sealed internal metal housing. The Delta-T rating ensures that the radio is still submersible even through the expansion and contraction of materials in different temperatures.

X Specific characteristics of the material or service that limit the availability to a brand name (unique features, function of the item, etc.). Describe in detail why only this suggested brand name can furnish the requirements to the exclusion of other brands.

The ELMR network requires Motorola branded supplies to ensure 100 percent interoperability and functionality. The radios must have the ability to secure data messages from applications internal and external to the portable radios using FIPS 140-2 Level 3 validated encryption.

The Motorola brand radio is the only known product which allows simultaneous batch Over-the-Air-Rekeying (OTAR) and simultaneous batch Over-the-Air-Programming (OTAP); Link Layer Radio Authentication; and audible channel announcements.

Utilizing a radio from an alternate manufacturer would require maintaining talk-group configurations in more than one database and require additional system integration and training costs. The challenges of separate maintenance and database synchronization could result in radio incompatibility.

The introduction of non-Motorola radios and associated programming software could potentially invalidate the ELMR Information Assurance certification.

The ELMR network is supported by an Enterprise Logistics Support Center contracts to maintain and repair Motorola radios and other equipment. Non-Motorola radios would require their own unique repair contracts or would require more frequent replacement due to a lack of repair capability.

CHECK & FILL IN ALL APPLICABLE BLANKS BELOW

X The requested material or service represents the minimum requirements of the government.

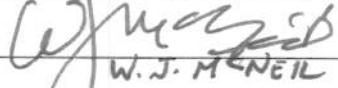
X The material/service must be compatible in all aspects (form, fit and function) with existing systems presently installed/performing. Describe the equipment/function you have now and how the new item/service must coordinate, connect, or interface with the existing system. The existing system is the Navy Central Region managed Enterprise Land Mobile Radio (ELMR) network.

___ A patent, copyright or proprietary data limits competition. The proprietary data is: _____

___ These are "direct replacements" parts/components for existing equipment.

___ Other information to support a sole source / name brand buy: _____

I CERTIFY THAT STATEMENTS CHECKED, AND INFORMATION PROVIDED ABOVE, ARE COMPLETE AND CORRECT TO THE BEST OF MY KNOWLEDGE. I UNDERSTAND THAT THE PROCESSING OF THIS SOLE SOURCE / BRAND NAME JUSTIFICATION PRECLUDES THE USE OF FULL AND OPEN COMPETITION.

Signature 
W.J. McNEIL


Title Financial Manager

Activity Navy Munitions Command

Date 9/17/15

Contracting Officer

Signature _____


Cheryl Geneciran-Paulino
Contracting Officer

Date 20 Sept 2015
SAP Sole Source /Brand Name _____